PTO/SB/08a (04-09) Approved for use through 05/31/2009, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Apt of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number

Substitute for form 1449A/PTO

18 us. 7.104.955

1 Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary) of | 5

Complete if Known 09/684.387 Application Number October 4, 2000 Filing Date First Named Inventor David C. Gelvin Art Unit 2451 Examiner Name Imad Hussain Attorney Docket Number 08-880-US7

U. S. PATENT DOCUMENTS							
Cite No.1	Document Number Number-Kind Code ² (Finown)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
1	us-5,184,311	02-02-1993	Kraus et al.				
2	us- 5,701,120	12-23-1997	Perelman et al.				
3	us-7,027,773	04-11-2006	McMillin, Brian K.				
4	us- 5,946,083	08-31-1999	Melendez et al.				
5	us- 6,505,086	01-07-2003	Dodd Jr. et al.				
6	us-6,580,979	06-17-2003	Payton et al.				
7	us-6,023,223	02-08-2000	Baxter Jr., John Francis				
8	us- 6,453,910	09-24-2002	Lloyd, Lisa Vitina				
9	us- 6,615,099	09-02-2003	Muller et al.				
10	us- 6,480,900	11-12-2002	Habert, Michael				
11	us- 6,532,494	03-11-2003	Frank et al.				
12	us- 6,728,514	04-27-2004	Bandeira et al.				
13	us- 6,678,250	01-13-2004	Grabelsky et al.				
14	us- 5,734,699	03-31-1998	Lu et al.				
15	us-7,207,041	04-17-2007	Elson et al.				
16	us-6,341,288	01-22-2002	Yach et al.				
17	us- 4,962,473	10-09-1990	Crain, Lawrenece				
	No.¹ 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	No.¹ 1 Us-5,184,311 2 Us-5,701,120 3 Us-7,027,773 4 Us-5,946,083 5 Us-6,505,086 6 Us-6,580,979 7 Us-6,023,223 8 Us-6,453,910 9 Us-6,615,099 10 Us-6,480,900 11 Us-6,324,244 12 Us-6,728,514 13 Us-6,678,250 14 Us-5,734,699 15 Us-7,207,041 16 Us-6,341,288	Cite No.1 Document Number Number - Kind Code ¹ (* reveix) Publication Date M-DD-YYYY 1 Us-5, 184,311 02-02-1993 2 Us-5, 701,120 12-23-1997 3 Us-7,027,773 04-11-2006 4 Us-5,946,083 08-31-1999 5 Us-6,505,086 01-07-2003 6 Us-6,502,223 02-08-2000 7 Us-6,643,910 09-24-2002 9 Us-6,453,910 09-02-2003 10 Us-6,615,099 09-02-2003 11 Us-6,532,494 03-11-2003 12 Us-6,728,514 04-27-2004 13 Us-6,678,250 01-13-2004 14 Us-5,734,699 03-31-1998 15 Us-7,207,041 04-17-2007 16 Us-6,341,288 01-22-2002	Number-Kind Code* (Freed) Number-Kind Code* (Freed)			

FOREIGN PATENT DOCUMENTS						
Cite No.1	Foreign Patent Document Country Code ³ "Number ⁴ "Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁰	
!						
<u> </u>						
<u> </u>						
 						
		Cite Foreign Patent Document	Cite Foreign Patent Document Publication Date No.1 MM-DD-YYYY	Cite Foreign Patent Document Publication Date Name of Patentee or MM-DD-YYYY Applicant of Cited Document	Cite Foreign Patent Document Publication Date Name of Patentee or AMI-DD-YYYY Applicant of Cited Document Where Relevant Passages	

09-12-2006

Bardy, Gust H.

Examiner Signature	/Imad Hussain/	Date Considered	07/23/2009
			station if not in conferences and not

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. "Applicants unique citation designation number (optionals). "See Kinds Codes of USPTO Patent Documents at www.nesto.exc or MPEP 901.04. "Enter Order that issued the Accountent, by the worker code (VMPO Standard 37.3)." You Japanese patent documents, the indication of the year of the reign of the Emperor must preced the sential number of the plant document. "Your dark her appropriate symbols as indicated on the document under WPO Standard 57.1 of it possible. "Applicant is to place a check mark her of English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (04-09)
Approved for use through 05/31/2009, OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Apt of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number

Substitute for form 1449A/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

us-6,499,027

Complete if Known				
Application Number	09/684,387			
Filing Date	October 4, 2000			
First Named Inventor	David C. Gelvin			
Art Unit	2451			
Examiner Name	Imad Hussain			
Attorney Docket Number	08-880-US7			

U. S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (Fiscore)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	19	us-7,109,859	09-19-2006	Peeters, John			
	20	us- 5,991,806	11-23-1999	McHann Jr.			
	21	us-2002/0154631	10-24-2002	Makansi et al.			
	22	us- 2002/0181501	12-05-2002	Nova et al.			
	23	us-6,184,798	02-06-2001	Egri, Robert			
	24	us- 6,175,868	01-16-2001	Lavian et al.			
	25	us-6,114,970	09-05-2000	Kirson et al.			
	26	us-6,496,575	12-17-2002	Vasell et al.			
	27	us-6,351,776	02-26-2002	O'Brien et al.			
	28	us- 5,946,488	08-31-1999	Tanguay et al.			
	29	us-4,928,246	05-22-1990	Crawley et al.			
	30	us-6,324,650	11-27-2001	Oglivie, John W.L.			
	31	us-6,327,607	12-04-2001	Fant, Karl M.			
	32	us- 6,477,143	11-05-2002	Ginossar, Dror			
	33	us-6,389,483	05-14-2002	Larsson, Tony Ingemar			
	34	us- 6,504,631	01-07-2003	Barry et al.			
	35	us- 6,550,012	04-15-2003	Villa et al.			

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶		

Weinberger, Alan J.

12-24-2002

Examiner Signature	/Imad Hussain/	Date Considered	07/23/2009

"EXAMINES: Initial if reference considered, whether or not citation is in conformance with MPEP 606. Draw line through citation in fin in conformance and not consigned, include copy of this form with next communication to applicant "Applicants unique citation designation number (opinional number (opinional number) of the See Kinds Codes of USPTO Patent Documents at www.usbi.org/or NPEP 901.04. "Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). "For Lagenese patient documents, the indication of the year of the region of the Emperor must precede the serial number of the patent document to the patent document and the communication of the year of the region of the Emperor must precede the serial number of the patent document that of documents are also indicated on the document under WIPO Standard ST. 16 if possible, "Applicant is to place a check mark here if English language Translation is startched.

This collection of information is required by 3° CPR 187 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USP of process) an application. Condensitable, is operanted by 58 U.S. C. 32 and 3° CER 1.41. This collection is estimated to take 50 bours to complete to the condensitable of t

Approved for use through 05/31/2009. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Apt of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number

Substitute for form 1449A/PTO

us-5,369,584

us- 5.535.380

us-6,697,824

us-6.738,814

50 us- 5.987.552

52 us-6.715.077

54 Us- 6,829,437

51

53

3 Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

	Co	mplete if Known	`
	Application Number	09/684,387	
	Filing Date	October 4, 2000	
	First Named Inventor	David C. Gelvin	
	Art Unit	2451	
	Examiner Name	Imad Hussain	
	Attorney Docket Number	08-880-US7	

U. S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (If known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	37	us- 5,563,948	10-08-1996	Diehl et al.			
	38	us- 5,937,163	08-10-1999	Lee et al.			
	39	us- 6,661,773	12-09-2003	Pelissier et al.			
	40	us- 2006/0206576	09-14-2006	Obradovich et al.			
	41	us- 5,959,529	09-28-1999	Kail, IV, Karl A.			
	42	us- 6,430,164	08-06-2002	Jones et al.			
	43	us-6,246,688	06-12-2001	Angwin et al.			
	44	us- 6,505,100	01-07-2003	Stuempfle et al.			
	45	us- 5,745,758	04-28-1998	Shaw et al.			
	46	us- 6,298,445	10-02-2001	Shostrack et al.			
	47	us- 6,330,499	12-11-2001	Chou et al.			

11-29-1994

07-09-1996

11-16-1999

02-24-2004

03-30-2004

05-18-2004

12-07-2004

Kajiwara, Yasuya

Berakvist Jr., et al.

Bowman-Amuah.

Vasudevan et al.

Chittor et al.

Michael K.

Cox et al.

Kirby, Alan J.

.. . DATELIT DOCUMENTO

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶	
						_	
						-	
						-	
						-	

	Examiner Bignature	/Imao Huss	ain/					Considered	0172	.0/2000
_	*EXAMINE	R: Initial if reference considered,	whether or not	citation is	in conformance	with MPEP	609. Dr	raw line through	citation if not in	conformance and

Localistic. I little in Letterback Cursivation, wheeler or includents is in continuation with the recognition and in the control in the control considered include copy of this form with next communication to applicate. 'Applicant's unique clatical designation number (optional). 'See Kinds Codes of USPTO Patent Documents at https://www.uspin.org/ or MPEP 90.104. 'Senter Office that issued the document, by the two-letter code (WIPO Standard ST3), 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precode the serial number of the patent document of the optional control in the patent observation of the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Platin and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 05/31/2009. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Apt of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number

Substitute for form 1449A/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	09/684,387			
Filing Date	October 4, 2000			
First Named Inventor	David C. Gelvin			
Art Unit	2451			
Examiner Name	Imad Hussain			
Attorney Docket Number	08-880-US7			

			U. S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 ()f known}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	55	us- 5,534,697	07-09-1996	Creekmore et al.	
	56	us- 5,978,578	11-02-1999	Azarya et al.	
	57	us-6,452,910	09-17-2002	Vij et al.	
	58	us- 6,779,004	08-17-2004	Zintel, William Michael	
	59	us- 7.484,008	01-27-2009	Gelvin et al.	
		US-			
		US-			
		US-			
		US-		- Walliam	
		US-			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ "Number ⁴ "Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ^e		

Examiner Signature	/Imad Hussain/	Date Considered	07/23/2009

*EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through clastion if not in conformance and not considered, include copy of this form with next communication to applicant. "Applicants unique citation designation number (optional). See finds Codes of USPTO Paent Drowments at www.testo.cop or MPEP 90.04. "Enter Office that issued the document, by the worked record with Common and the Common an Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08b (04-09) Approved for use through 05/31/2008, OMB 0651-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Apt of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE				Complete if Known		
				Application Number	9/684,387	
				Filing Date	October 4, 2000	
STATEMENT BY APPLICANT			ANT	First Named Inventor	David C. Gelvin	
(Use as many sheets as necessary)				Art Unit	2451	
				Examiner Name	Imad Hussain	
Sheet	5	of	5	Attorney Docket Number	08-880-US7	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials* Cite No.1 Include r		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
	60	WESSON et al., "Network Structures for Distributed Situation Assessment," IEEE Transactions on Systems, Man, and Cybernetics, Vol. SMC-11, 1:5-23 (January 1981).	
-	61	IYENGAR et al., "Information Routing and Reliability Issues in Distributed Sensor Networks," IEEE Transactions on Signal Processing, 40(12):3012-3021 (December 1992).	
	62	U.S. Patent Application No. 09/685,831, filed October 4, 2000.	
	63	U.S. Patent Application No. 09/684,742, filed October 4, 2000.	
	64	U.S. Patent Application No. 09/684,388, filed October 4, 2000.	
	65	U.S. Patent Application No. 09/684,162, filed October 4, 2000.	
	66	U.S. Patent Application No. 09/680,608, filed October 4, 2000.	

Examiner Signature	/Imad Hussain/	Date Considered	07/23/2009

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

Exclusive: final steps of this form with not communication to applicant.

Applicant is upgoing elation designated in communication to applicant.

Applicant is upgoing elation designation number (portional, Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO top crossa) an application. Confidentially is provened by 38 U.S. C. 122 and 37 CFR 1.14. This collection is estimated to blace 2 hours be complete, including to processa) an application. Confidentially is provened by 38 U.S. C. 122 and 37 CFR 1.14. This process collection is estimated to blace 2 hours be complete, including the confidence of t gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandría, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.